

$$1) \sqrt[2]{3 \sqrt[4]{8}} \quad 6\sqrt{2}$$

$$2) -\sqrt{25} \quad -5$$

$$15 \sqrt{4}$$

$$3) 3\sqrt{100} \quad 3 \cdot 10 = 30$$

$$3 \quad 2$$

$$4) \sqrt{54} \quad 3\sqrt{6}$$

$$5) \sqrt[2]{2 \sqrt[4]{52}} \quad 4\sqrt{13}$$

HONORS HWK

$$1) \sqrt{63}$$

$$2) 5\sqrt{16}$$

$$3) 3\sqrt{27}$$

$$4) (\sqrt{10})^2$$

$$5) (2\sqrt{5})^2$$

$$6) -2\sqrt{225}$$

$$7) \sqrt{8} \cdot \sqrt{3}$$

$$8) \sqrt{5} \cdot \sqrt{5}$$

$$9) \sqrt{10} \cdot \sqrt{5}$$

$$10) \sqrt{3} + \sqrt{3}$$

$$11) 3\sqrt{7} + \sqrt{7}$$

$$12) \sqrt{15} + \sqrt{15}$$

$$13) \sqrt{18} + 3\sqrt{8}$$

CP Geometry

$$1) \sqrt{3} \cdot \sqrt{4} = \sqrt{12} = 2\sqrt{3}$$

$$2) \sqrt{42}$$

$$3) 8\sqrt{16}$$

$$4) 3\sqrt{40}$$

$$5) -2\sqrt{56}$$

$$6) \sqrt{5} \cdot \sqrt{20}$$

$$7) \sqrt{8} \cdot \sqrt{2}$$

$$8) \sqrt{8} \cdot \sqrt{4}$$

$$9) \sqrt{5} \cdot \sqrt{5}$$

$$10) \sqrt{7} \cdot \sqrt{7}$$

CP Geometry

41) $x = 24$
 $y = 12$

$$\frac{x}{20} = \frac{6}{5} = \frac{y}{10}$$

$$\frac{x}{20} = \frac{6}{5}$$

$$5x = 120$$

$$x = 24$$

$$\frac{6}{5} = \frac{y}{10}$$

$$5y = 60$$

$$y = 12$$

42)

p 343

38.
 # 42

- 10 radicals
- bottom of 7.1 wkst
- front of kst

$$\frac{\text{is}}{\text{of}} = \frac{70}{100}$$